

# NEBRASKA WEATHER & CROPS

For Week Ending August 2, 1992

Issue: 21-92

Released: 8/3/92 - 3:00 p.m.

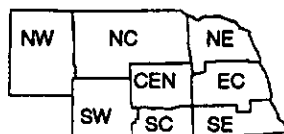
Phone: (402) 437-5541

Location: 273 Federal Bldg.

P.O. Box 81069

Lincoln, NE 68501

National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admin.  
National Weather Service



NEBRASKA  
AGRICULTURAL  
STATISTICS  
SERVICE

Nebraska Department of Agriculture  
Division of Agr'l Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources-UN-L

## WEATHER

Temperatures for the week averaged four to eight degrees below normal. Precipitation amounts varied for the week from a tenth of an inch in the northwest up to nearly two inches in the east central.

## GENERAL

Wheat, oat, and hay harvest were once again hampered by rain delays and cool, cloudy conditions this past week, according to the Nebraska Agricultural Statistics Service. Development of fall harvested crops continued to lag behind normal. Although some fields are within a week of normal development, replanted fields need warmer temperatures and plenty of sunshine before the first hard freeze this fall. Irrigation systems remain in only limited use thus far during this growing season. Severe weather brought crop damaging hail and flooding to localized areas once again this past week.

## CROPS

Wheat harvest progressed last week to 91% complete, about eleven days behind normal. Last year at this time, we were virtually completed with harvest, the same as the five-year average. Harvest delays continued in the form of rainfall, damp cloudy conditions, and heavy morning dew formations. Weed growth problems persisted, as the weather which hinders harvest promotes weed growth.

Corn condition was rated at 6% poor, 10% fair, 52% good, and 32% excellent. Crop development

## CROPS (Cont.)

remained behind normal with replanted fields showing the greatest need of warmer sunny days to "catch up" to normal development. The lack of "growing degree days" and the normal time frame until the first killing freeze remained a concern.

Soybean condition was rated at 7% fair, 66% good, and 27% excellent. Crop development made good progress last week with 25% setting pods to date, about five days behind normal statewide.

Sorghum condition was rated at 2% poor, 10% fair, 65% good, and 23% excellent. Heading progressed slowly and remained about two weeks behind normal. Limited fieldwork opportunities continued to hamper efforts for mechanical weed control.

Alfalfa condition was rated at 1% poor, 21% fair, 69% good, and 9% excellent. Second cutting activities made little progress due to the wet weather conditions. Producers with hay down have been turning windrows in an effort to dry it sufficiently for baling before the next shower. Low quality has been reported when the cutting has not been "timely" cut or harvested with rain damage. Third cutting activities continued where conditions permitted. Wild hay condition was rated at 3% poor, 26% fair, 48% good, and 23% excellent.

## LIVESTOCK

Pasture and range condition was rated at 99% of normal and compares with 77% of normal last year at this time. Grass growth was providing excellent grazing with some cool season grasses still producing grazing potential.

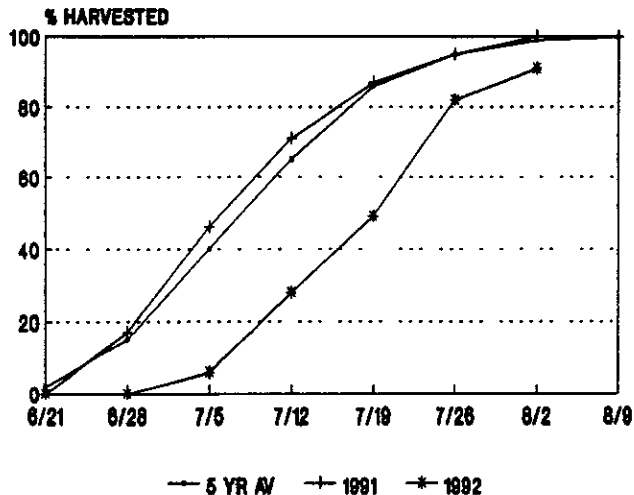
FIELD WORK PROGRESS AS OF AUGUST 2, 1992	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat harvested	82	74	82	100	92	97	98	94	91	82	100	99
% oats harvested	34	57	62	86	70	71	64	89	66	48	100	96
% corn silked	81	67	100	98	100	71	100	100	95	69	95	91
% corn dough stage	2	1	4	0	21	9	19	14	11	3	32	21
% sorghum headed	0	6	18	9	6	1	2	20	12	2	57	50
% soybeans blooming	0	37	90	88	87	63	76	100	90	67	88	88
% soybeans setting pods	0	5	8	26	19	17	32	56	25	4	38	39
% alfalfa second cutting	60	77	94	96	86	100	100	85	87	87	95	94
% alfalfa third cutting	0	5	7	6	11	15	11	11	8	4	12	18
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JULY 31, 1992												
Days suitable	5.2	3.3	0.9	4.2	2.0	3.3	3.9	0.8	2.7	2.9	6.7	
Topsoil moisture - Short	0	0	0	0	0	0	0	0	0	1	87	
(Percent) - Adequate	93	89	44	50	26	100	86	36	60	68	13	
- Surplus	7	11	56	50	74	0	14	64	40	31	0	
Subsoil moisture - Short	14	0	0	0	0	29	0	0	4	2	69	
(Percent) - Adequate	86	94	94	100	83	71	100	79	88	94	31	
- Surplus	0	6	6	0	17	0	0	21	8	4	0	

NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P.O. Box 81069, Lincoln, NE 68501.

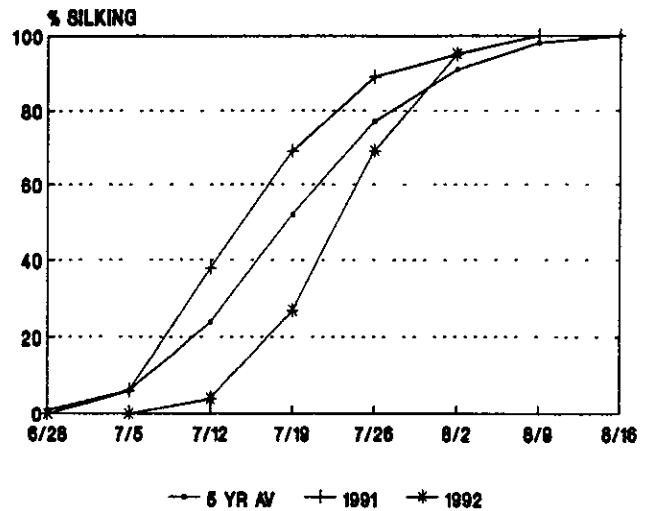
NEBRASKA WEATHER & CROPS  
P.O. Box 81069  
Lincoln, NE 68501

Second Class Postage  
Paid at  
Lincoln, Nebraska

# WINTER WHEAT HARVESTED FOR ALL PURPOSES



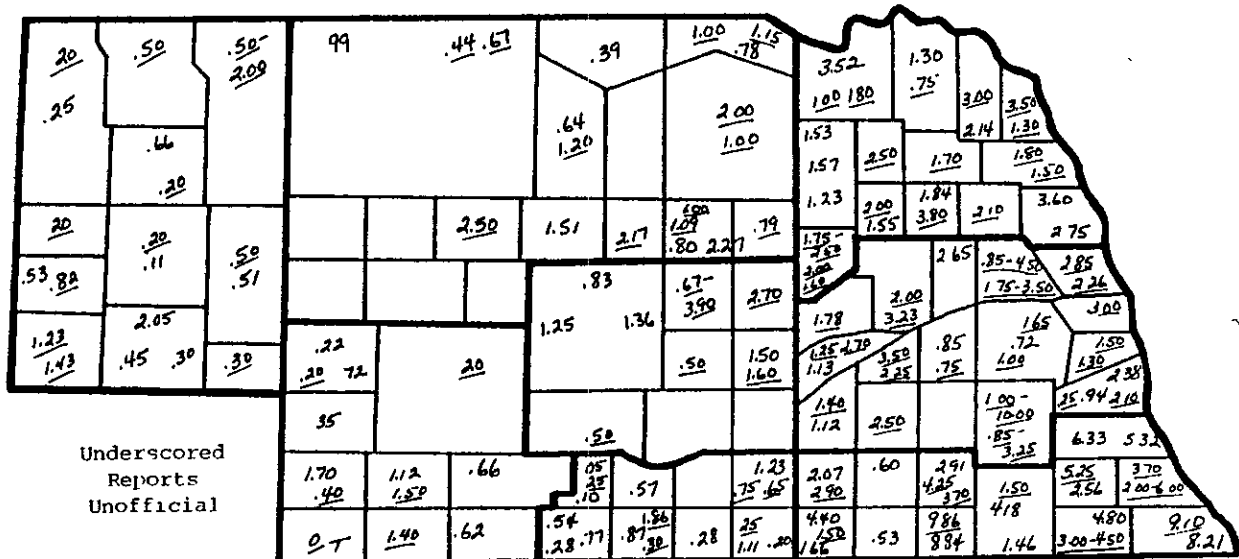
# CORN SILKING



PROGRESS AS OF SUNDAY

PROGRESS AS OF SUNDAY

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JULY 31, 1992



PRECIPITATION, APRIL 1 - JULY 31, 1992

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.61	1.13	2.10	1.24	1.40	.67	.55	3.85
Total since April 1 .....	9.59	10.87	13.81	11.13	16.18	9.24	11.88	18.39
Normal since April 1 .....	10.26	12.17	13.72	13.04	14.36	11.22	13.04	14.96

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,  
WEEK ENDING SUNDAY, AUGUST 2, 1992

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	95	50	70	---	.08	---	---	---
	Scottsbluff	96	51	71	-4	T	1508	1643	1691
	Sidney	91	50	71	---	.14	1387	1523	1660
NC	Valentine	95	48	68	-7	.71	1386	1512	1710
NE	Norfolk	86	50	68	-8	1.20	---	---	---
	Sioux City	83	50	68	-8	1.23	---	---	---
	Concord	---	---	---	---	---	1437	1558	1937
	Elgin	---	---	---	---	---	1361	1477	1881
	West Point*	---	---	---	---	---	1521	1645	1982
CEN	Grand Island	87	50	71	-6	.48	1575	1716	1958
	Ord	88	44	69	---	0	1471	1601	1940
EC	Lincoln	87	54	72	-6	1.88	1713	1873	2039
	Omaha	83	51	69	-7	.54	1625	1764	1967
	Columbus	---	---	---	---	---	1590	1723	2001
	York	---	---	---	---	---	1594	1750	2057
SW	Imperial	---	---	---	---	---	---	---	---
	North Platte	91	47	70	-5	.25	**1435	**1562	**1841
SC	Holdrege	---	---	---	---	---	1569	1708	2007
SE	Beatrice	---	---	---	---	---	1651	1796	2162
	Clay Center	---	---	---	---	---	1569	1709	2045

1/ Precipitation totals not included in map above. \*Automated weather station. \*\*West Central Research & Extension Center.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.